## ABSTRACT OF THE INVENTION

A short optical glass is disclosed which is particularly suited for the applications imaging, projection, telecommunication, optical information technology and/or laser technology, also particularly suited for fiber applications (light guides or imaging guides). Preferably, the glass has a refractive index of $1.54 \leq n_d \leq 1.62$ and an Abbe coefficient of $48 \leq \nu_d = 57$. It further has good attenuating and ion exchange characteristics, good chemical stability and good crystallization stability. The glass comprises 35 to 50 wt.-% $SiO_2$, 0,1 to 6 wt.-% $B_2O_3$, 0,1 to 7 wt.-% $Al_2O_3$, 0,1 to 4 wt.-% $P_2O_5$, 4 to 24 wt.-% $R_2O$ (alkali oxides), 6 to 14,5 wt.-% BaO, 0 to 12 wt.-% other RO (alkaline earth oxides), 14 to 25 wt.-% ZnO, 0 to 5 wt.-% $La_2O_3$, 0 to 10 wt.-% $ZrO_2$, wherein $R_2O$ is an alkali oxide, RO is an alkaline earth oxide other than BaO, wherein $Li_2O$ is 6 wt.-% at the most, wherein the glass does not contain any $GeO_2$, SnO, $SnO_2$, AgO, $Sb_2O_3$ and, preferably, no rare earth oxides, and wherein the glass may be molten while adding suitable purifying agents.